

Artifact Types	Artifacts	VirusTotal	Censys	URLScan
TLS Certificate	Certificate Authority	Search by IP/domain => Details => Last HTTPS Certificate => under x509 extensions => CA Issuers	Select Dataset as Hosts => Summary => VIEW ALL DATA => services.tls.certificates.leaf_data. (issuer/subject).common_name Select Dataset as Certificates => Basic Information => (Subject/Issuer DN)	Search by IP/domain => Summary => Domain & IP Information => Certs => Issuer/Subject CNS
	Common Name	Search by IP/domain => Details => Last HTTPS Certificate => Issuer & Subject CNS	Select Dataset as Hosts => Summary => VIEW ALL DATA => services.tls.certificates.leaf_data.subject.* Select Dataset as Certificates (requires login) => Basic Information => Subject DN	
	Subject	Search by IP/domain => Details => Last HTTPS Certificate => Subject	Select Dataset as Hosts => Summary => VIEW ALL DATA => services.tls.certificates.leaf_data.subject.* Select Dataset as Certificates (requires login) => Basic Information => Subject DN	
	Time	Search by IP/domain => Details => Last HTTPS Certificate => Validity	Select Dataset as Certificates (requires login) => Basic Information => Validity Period	Search by IP/domain => Summary => Domain & IP Information => Certs => Validity
	Served By Server/Client	Searched IP address/Domain	Searched IP address	Searched IP address/Domain
Sample	Behaviour	Behaviour => (ATT&ACK TTPs and Capabilities)		
	Code Similarity	Details => Basic Properties => (Vhash, Authentihash, Imphash, Rich PE header Hash, SSDEEP, TLSH) Behaviour => Behavior Similarity Hashes		
	Hash	Details => Basic Properties => (MD5, SHA-1, SHA-256, Vhash, Authentihash, Imphash, Rich PE header Hash, SSDEEP, TLSH)		
	References Domain	Behaviour => Network Communication => Memory Pattern Domains		
	Queries Domain	Relations => Contacted Domains		
	References IP	Behaviour => Network Communication => Memory Pattern URLs		
	References User Agent			
	Connects To Server/Client	Behaviour => Network Communication => IP Traffic Relations => Contacted IP Addresses		
	Communicates To Server/Client	Behaviour => Network Communication => IP Traffic Relations => Contacted IP Addresses		
Domain	Name Server	Details => Last DNS Records => NS Details => Whois Lookup => Name Server		Search by IP/domain => Summary => Live information => Domain created
	Registration Time	Details => Whois Lookup => Create date		
	Registrant	Details => Whois Lookup => Registrant Name		Search by IP/domain => Summary => Live information => Domain registrar
	Registrar	Details => Whois Lookup => Sponsoring Registrar		Search by IP/domain => Summary => Domain & IP Information => Domains => Apex Domain
	TLD	Visible in the searched domain		Search by IP/domain => Returned results are URL Paths
	URL Path			Search by IP/domain => Summary => Live information => Current DNS A record
	Reverse DNS	Details => Last DNS Records => A Record Type		
	DNS History	Details => Passive DNS Replication		
IP Address	ASN	Visible under searched IP address Details => Basic Properties => Autonomous System Number	Select Dataset as Hosts => Summary => Basic Information => Routing Select Dataset as Hosts => Summary => VIEW ALL DATA => autonomous_system.asn	Search by IP/domain => Summary => Domain & IP Information Search by IP/domain => Summary => Domain & IP Information => IP address => General Info
	Traffic			Search by IP/domain => Summary => Domain & IP Information => IP address => Direct Hits, Incoming Hits & Related Infrastructure
	Ports		Select Dataset as Hosts => Summary => Services Select Dataset as Hosts => Summary => VIEW ALL DATA => services.port	
	WHOIS Details	Details => WHOIS Lookup	Select Dataset as Hosts => WHOIS Select Dataset as Hosts => Summary => VIEW ALL DATA => whois.*	Search by IP/domain => Summary => Domain & IP Information => IP address => (scroll to bottom) Whois for IP address
	WHOIS History	Relations => Historical Whois Lookups	Select Dataset as Hosts => WHOIS => Events => Last Changed	
Server/Client	Banner		Select Dataset as Hosts => Specific Port => Details => Banner Select Dataset as Hosts => Summary => VIEW ALL DATA => services.banner	Search by IP/domain => HTTP => First Entry => Expand => Show Headers => (Response, Request & Redirect Headers)
	Content		Select Dataset as Hosts => Summary => VIEW ALL DATA => services.http.response.body	Search by IP/domain => Content or DOM
	Favicon		Select Dataset as Hosts => Summary => VIEW ALL DATA => services.http.response.favicons.hashes Select Dataset as Hosts => Summary => VIEW ALL DATA => services.http.response.favicons.shodan_hash	Search by IP/domain => HTTP => Favicon.ico => Expand => Resource Hash
	Fingerprint	Details => Last HTTPS Certificate => JARM Fingerprint	Select Dataset as Hosts => Specific HTTPS Port => TLS => Certificate => Fingerprint Select Dataset as Hosts => Specific HTTPS Port => TLS => Fingerprint => (JARM, JA3S, JA4*) Select Dataset as Hosts => Specific SSH Port => Details => Host Key => Fingerprint Select Dataset as Hosts => Summary => VIEW ALL DATA => services.tls.certificates.leaf_fp_sha_256 Select Dataset as Hosts => Summary => VIEW ALL DATA => services.jarm.fingerprint Select Dataset as Hosts => Summary => VIEW ALL DATA => services.tls.ja3* Select Dataset as Hosts => Summary => VIEW ALL DATA => services.tls.ja4s Select Dataset as Hosts => Summary => VIEW ALL DATA => services.ssh.server_host_key. fingerprint_sha256	
	Stores Samples	Relations => Communicating Files		

KEYS	
	Relation With Different Artifact Type
	Coverage missing from one source
	Coverage missing from all 3 sources