#### Quick Reference Guide



#### **Network Logs**

Kibana Field	Description
@meta.event_type	The type of this event, (Network, Diagnostic, Misc)
@meta.stream	The log stream that created this event
@meta.orig_host	Originating host IP address
@meta.orig_port	Originating Port
@meta.resp_host	Responding host IP address
@meta.resp_port	Responding Port
@meta.geoip_orig	Originating GEOIP
@meta.geoip_resp	Responding GEOIP
@meta.related_ids	Array of other related IDs

Conn Log	:
Bro Field	Description
ts	Time of the First Packet
uid	Unique Identifier of the Connection
id_orig_h	IP address of the Originating host
id_orig_p	Port of the Originating Host
id_resp_h	conn.id_resp_hIP address of the Responding host
id_resp_p	Port of the Responding Host
proto	Transport Layer Protocol
service	Identified Application Protocol
duration	Duration of the connection
orig_bytes	Originator Payload starting from TCP Sequence
resp_bytes	Responder Payload starting from TCP Sequence
conn_state	State of the Connection
local_orig	Connection Originated from local net
local_resp	Connection Responded from local net
missed_bytes	Number of bytes missed, due to packet loss
history	Records the connections history
orig_pkts	Number of packets the originator sent
orig_ip_bytes	Number of bytes from IP total length header
resp_pkts	Number of packets the responder sent
resp_ip_bytes	Number of bytes from IP total length header
tunnel_parents	If using tunnel, Provides the UID of parent Conn

This log is enabled by loading:

- scripts/base/protocols/conn/main.bro
   It can also be enhanced by loading:
- policy/protocols/conn/mac-logging.bromisc/conn-add-geoip

period in a field	fault executes a script that changes any d name to an <b>underscore</b> . Fields that be <b>id_orig_host</b>

#### Searching Bro fields in Kibana

Bro Field Changes

RockNSM appends the bro log name followed by a period to the bro field in elasticsearch. With the exception of the ts field, which is always renamed to @timestamp

Example: looking at the bro conn log uid becomes conn.uid in kibana

#### **Connection State**

state	Description
50	Connection attempt seen, no reply
51	Connection established, not terminated
SF	Normal establishment and termination
REJ	Connection attempt rejected
52	Connection established and close attempt by originator seen, but no reply from originator
S3	Connection established and close attempt by responder seen, but no reply from originator
RSTO	Connection established, originator aborted (sent RST)
RSTR	Responder sent a RST
RSTOS0	Originator sent a SYN followed by a RST, no SYN-ACK from the responder
RSTRH	Responder sent a SYN ACK followed by a RST, no SYN from the originator
SH	Half Open, originator sent a SYN followed by a FIN, no SYN ACK from the responder
SHR	Responder sent a SYN ACK followed by a FIN, no SYN from the originator
OTH	No SYN seen, just midstream traffic

# Connection History Field Description

5	SYN	
h	SYN+ACK (handshake)	
a	ACK	
d	data (payload)	
f	FIN	
r	RST	
C	bad checksum	
t	re-transmitted payload	
i	FIN+RST (inconsistent packet)	

Bro's history field is UNIQed which means that it only logs each flag once when it shows up. There could be more of the same flag sent but it is not recorded.

SYN+FIN or SYN+RST (multi-flag packet)

Connection direction flipped by Bro

DNP3 Log	
Bro Field	Description
ts	Time of the First Packet
uid	Unique Identifier of the Connection
id_orig_h	IP address of the Originating host
id_orig_p	Port of the Originating Host
id_resp_h	IP address of the Responding host
id_resp_p	Port of the Responding Host
fc_request	Function Message in request
fc_reply	Function Message in reply
iin	Response's Internal indication number

### This log is enabled by loading: - scripts/base/protocols/dnp3/main.bro

#### DCE\_RPC log **Bro Field** Description Time of the First Packet uid Unique Identifier of the Connection id\_orig\_h IP address of the Originating host Port of the Originating Host id\_orig\_p id\_resp\_h IP address of the Responding host id\_resp\_p Port of the Responding Host Round Trip Time named\_pipe Remote pipe name endpoint Endpoint name looked up from uuid Operation seen in call operation This log is enabled by loading scripts/base/protocols/dce-rpc/main.bro

DNS Log	:
Bro Field	Description
ts	Time of the First Packet
uid	Unique Identifier of the Connection
id_orig_h	IP address of the Originating host
id_orig_p	Port of the Originating Host
id_resp_h	IP address of the Responding host
id_resp_p	Port of the Responding Host
proto	Transport layer protocol
trans_id	16-bit identifier generated by program
rtt	Round Trip Time
query	Domain name submitted
qclass	QCLASS value
qclass_name	QCLASS descriptive name
qtype	QTYPE value
qtype_name	QTYPE descriptive name
rcode	Response code value
rcode_name	Response code descriptive name
AA	Authoritative Answer bit set
TC	Truncation bit set
RD	Recursion Desired bit set
RA	Recursion Available bit set
Z	Reserved field that is normally zero
answers	Answers for the query
TTLs	Caching intervals of the answers
rejected	Query was rejected by server

This log is enabled by loading:

scripts/base/protocols/dns/main.bro

### Quick Reference Guide



Bro Field	Description	
ts	Time of the First Packet	
uid	Unique Identifier of the Connection	
id_orig_h	IP address of the Originating host	
id_orig_p	Port of the Originating Host	
id_resp_h	IP address of the Responding host	
id_resp_p	Port of the Responding Host	
mac	Client's Hardware Address	
assigned_ip	Client's actual assigned IP address	
lease_time	IP address lease interval	
trans_id	A random number chosen by the client	

n =: 11		
Bro Field	Description	
ts	Time of the First Packet	
uid	Unique Identifier of the Connection	
id_orig_h	IP address of the Originating host	
id_orig_p	Port of the Originating Host	
id_resp_h	IP address of the Responding host	
id_resp_p	Port of the Responding Host	
nick	Nickname given for connection	
user	Username given for the connection	
command	Client Command Name	
value	Client Command Value	
addl	Any additional Command data	

MODBUS log	
Bro Field	Description
ts	Time of the First Packet
uid	Unique Identifier of the Connection
id_orig_h	IP address of the Originating host
id_orig_p	Port of the Originating Host
id_resp_h	IP address of the Responding host
id_resp_p	Port of the Responding Host
func	Function Message sent
exception	Exception if response failed

It can also be enhanced by loading: - base/protocols/irc/dcc-send.bro base/protocols/irc/files.bro

- scripts/base/protocols/modbus/main.bro

Bro Field	Description
ts	Time of the First Packet
uid	Unique Identifier of the Connection
id_orig_h	IP address of the Originating host
id_orig_p	Port of the Originating Host
id_resp_h	IP address of the Responding host
id_resp_p	Port of the Responding Host
username	Username given by the client
hostname	Hostname given by the Client
domainname	Domain name given by the client
success	Authentication was successful
status	Status code returned as a string

Bro Field	Description
ts riciu	Time of the First Packet
uid	
	Unique Identifier of the Connection
id_orig_h	IP address of the Originating host
id_orig_p	Port of the Originating Host
id_resp_h	IP address of the Responding host
id_resp_p	Port of the Responding Host
user	User name for current FTP session
password	Password for current FTP session if captured
command	Command given by the client
arg	Argument of the command if given
mime_type	Libmagic "sniffed" file type of file transferred
file_size	Size of the file transferred
reply_code	Reply code from the server
reply_msg	Reply Message from the server
data_channel	Expected FTP data channel
- scripts/ba It can also b - policy/pro To capture p	nabled by loading: ise/protocols/ftp/info.bro e enhanced by loading: tocools/conn/mac-logging.bro iasswords: :default_capture_password=T;
Kerberos (kı	rb) Log
Bro Field	Description
	Time of the First Books

Bro Field	Description
ts	Time of the First Packet
id_orig_h	IP address of the Originating host
id_orig_p	Port of the Originating Host
id_resp_h	IP address of the Responding host
id_resp_p	Port of the Responding Host
request_type	Authentication or Ticket Granting Service (AS/TGS)
client	Client
service	Service
success	Request result
error_msg	Error message
from	Ticket valid from
till	Ticket valid till
cipher	Ticket encryption type
forwardable	Forwardable ticket requested
renewable	Renewable ticket requested

scripts/base/protocols/krb/main.bro

It can also be enhanced by loading:

base/protocols/krb/files.bro

- base/protocols/krb/ticket-logging.bro

	ts	Time of the First Packet			
	uid	Unique Identifier of the Connection			
	id_orig_h	IP address of the Originating host			
	id_orig_p	Port of the Originating Host			
	id_resp_h	IP address of the Responding host			
	id_resp_p	Port of the Responding Host			
	trans_depth	Pipelined depth of transaction			
	method	Verb used in the HTTP request			
	host	Host header, typically a domain			
		name			
	uri	URI of request			
	referrer	Value of the referrer			
	version	Version Value			
	user_agent	User-Agent header from client			
	request_body_len	Actual uncompressed content size			
		from client			
	response_body_len	Actual uncompressed content size			
		from server			
	status_code	Status code from server			
	status_msg	Status message from server			
	info_code	Last seen 1xx informational code			
ı		from server			
ì	info_msg	Last seen 1xx informational			
		message from server			
	tags	Attributes discovered and related to			
		session			
	username	Username if basic-auth is used			
	password	Password if basic-auth is used			
	proxied	Headers that may indicate request			
		was proxied			
	This log is enabled by loading:				
	<ul><li>scripts/base/pro</li></ul>	- scripts/base/protocols/http/main.bro			
	It can also be enhar	It can also be enhanced by loading:			
١	<ul><li>base/protocols/</li></ul>	http/entities.bro			
	<ul> <li>policy/protocols</li> </ul>	/http/header-names.bro			
-	<ul> <li>policy/protocols/http/var-extraction-cookies.bro</li> </ul>				
	<ul> <li>policy/protocols</li> </ul>	- policy/protocols/http/var-extraction-uri.bro			

Description

HTTP log **Bro Field** 

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goals.

Bro Field	Description
ts	Time of the First Packet
uid	Unique Identifier of the Connection
id_orig_h	IP address of the Originating host
id_orig_p	Port of the Originating Host
id_resp_h	IP address of the Responding host
id_resp_p	Port of the Responding Host
cmd	Command issued
arg	Arguments used in command
success	Command Succeeded
rows	Number of affected rows
response	Server message if any

redef HTTP::default\_capture\_password=T;

To capture passwords:

# Quick Reference Guide



RADIUS Log		Session Initiation Protocol (SIP) log		SMB_CMD log	
Bro Field	Description	Bro Field	Description	Bro Field	Description
ts	Time of the First Packet	ts	Time of the First Packet	ts	Time of the First
uid	Unique Identifier of the Connection	uid	Unique Identifier of the Connection		Packet
id_orig_h	IP address of the Originating host	id_orig_h	IP address of the Originating host	uid	Unique Identifier of the
id_orig_p	Port of the Originating Host	id_orig_p	Port of the Originating Host	ad table to	Connection
id_resp_h	IP address of the Responding host	id_resp_h	IP address of the Responding host	id_orig_h	IP address of the Originating host
id_resp_p	Port of the Responding Host	id_resp_p	Port of the Responding Host	id_orig_p	Port of the Originating
username	Username detected	trans_depth	Pipelined depth into connection		Host
mac	Hardware address	method	SIP request verb	id_resp_h	IP address of the
framed_addr	Address from Network Access Server	uri	URI used in request	24	Responding host
remote_ip	Remote IP address	date	Date header from client	id_resp_p	Port of the Responding Host
connect_info Connect information		request_from	Request From header	command	Command sent by
reply_msg	Server reply message	request_to	Request To header	Command	client
result Authentication result		response_from	Response From header	sub_command	Subcommand sent by
ttl	Duration between request and response	response_to	Response To header		client
	nabled by loading:	reply_to	Reply-To header	argument	Argument sent by
- scripts/ba	ase/protocols/radius/main.bro	call_id	Call-ID header		client
Romoto Dos	ktop Protocol (RDP) log	seq	CSeq header	status	Status sent by server Round trip time from
Kelliote Des	sktop Protocol (kDF) log	subject	Subject header	rtt	request to response
Bro Field	Description	request_path	Client transmission path	version	SMB version for
ts	Time of the First Packet	response_path	Server transmission path		command
uid	Unique Identifier of the	user_agent	User-Agent header	username	Authenticated
	Connection	status_code	Server status code		username
id_orig_h	IP address of the Originating host	status_msg	Server status message	tree	Tree used for current command
id_orig_p	Port of the Originating Host	warning	Warning header	tree_service	Type of tree (disk or
id_orig_p id_resp_h	IP address of the Responding	request_body_len		uee_service	printer share, named
Id_ICSP_II	host	response_body_le	n Total Server Content-Length		pipe)
id_resp_p	Port of the Responding Host	content_type	Content-Type header	referenced_file_ts	Time of the First Packet
cookie	Cookie Value used by client. Typically username	This log is enable - scripts/base/p	ed by loading: protocols/sip/main.bro	referenced_file_uid	Unique Identifier of the
result	Connection status result	CAID FUELL		referenced_file_id_orig_h	IP address of the
security_prot		SMB_FILES Log			Originating host
	server		Description	referenced_file_id_orig_p	Port of the Originating
keyboard_lay		ts	Time of the First Packet		Host
client_build	RDP client version	uid	Unique Identifier of the Connection	referenced_file_id_resp_h	IP address of the Responding host
client_dig_pro		id_orig_h	IP address of the Originating host	referenced_file_id_resp_p	Port of the Responding
desktop_widt		id_orig_p	Port of the Originating Host	referenced_me_id_resp_p	Host
desktop_heig			IP address of the Responding host	referenced_file_fuid	Unique Identifier of the
Maria de la companya	lor_depth Color depth requested by client	id_resp_p	Port of the Responding Host		file
cert_type	Type of certificate being used for encryption	fuid	Unique Identifier of the file	referenced_file_action	Action recorded
cert_count	Number of certs seen	action	Action recorded	referenced_file_path	Path file was transf-
cert_permane		path	Path file was transferred to or from	-f file	erred to or from
encryption_le		name	Filename if seen	referenced_file_name	Filename if seen Total file size
circi y paroni_re	connection	size	Total file size	referenced_file_size	
encryption_m	7.1	**************************************	Filename before the rename action	referenced_file_prev_name	Filename before the rename action
	connection		Last time file was written to	referenced_file_times_modified	
	nabled by loading:	Salarana -	Last time file was read		written to
	ase/protocols/rdp/main.bro be enhanced by loading:	No. of the last of	Time file was created	referenced_file_times_accessed	
		times_changed	Time file was last modified	referenced_file_times_created	
- policy/protocols/rdp/indicate_ssl.bro		This log is enabl	ed by loading: /protocols/smb/main.bro	referenced_file_times_changed	Time file was last modified

## Quick Reference Guide



Bro Field		i i		
Bro Field		Description		
ts		Time of the First Packet		
uid	U	nique Identifier of the Connection		
id_orig_h	IF	address of the Originating host		
id_orig_p		ort of the Originating Host		
id_resp_h	IF	address of the Responding host		
id_resp_p	P	ort of the Responding Host		
path	T	ree path		
service		ype of tree (disk or printer share, amed pipe)		
native_file_s	system F	ile system of tree		
share_type	S	hare type (SMB1 is deduced)		
		by loading: otocols/smb/main.bro		
SOCKS Lo	3			
Bro Field I	Descripti	on		
ts	Time of th	ne First Packet		
	Jnique ID stent	for Tunnel, ConnUID or non-ex-		
-		s of the Originating host		
id_orig_p F	ort of th	e Originating Host		
		s of the Responding host		
id_resp_p {	ort of th	e Responding Host		
version S	OCKS pr	otocol version		
user F	Proxy log	in user		
password F	roxy log	in password		
status S	Server sta	tus		
request S	OCKS ad	dress and/or name		
request	ocks au			
request_p (				
request_p (	Client requested	uest port und address and/or name		
request_p (	Client req	uest port und address and/or name		
request_p (bound 5 bound_p 5 This log is	Client requesterver bo Server bo enabled	uest port und address and/or name		
request_p (bound Sbound_p S	Client requesterver bo Server bo enabled	uest port und address and/or name und port by loading:		
request_p ( bound S bound_p S This log is - scripts/l	Client requery for the following the followi	uest port und address and/or name und port by loading:		
request_p ( bound 5 bound_p 5 This log is - scripts/l	Client requery for the control of th	uest port und address and/or name und port by loading: tocols/socks/main.bro		
request_p ( bound 5 bound_p 5 This log is  - scripts/l  SSL Log Bro Field	Client requester boserver bose	uest port und address and/or name und port by loading: tocols/socks/main.bro		
request_p ( bound s bound_p s This log is  - scripts/l  SSL Log  Bro Field ts	Descr Time Unique	uest port und address and/or name und port by loading: tocols/socks/main.bro  iption of the First Packet		
request_p ( bound s bound_p s This log is  - scripts/l  SSL Log  Bro Field ts uid	Glient requested for the server boserver boserve	uest port und address and/or name und port by loading: tocols/socks/main.bro  iption of the First Packet e Identifier of the Connection		
request_p ( bound s bound_p s This log is - scripts/l  SSL Log  Bro Field ts uid id_orig_h	Client requirements of the control o	uest port und address and/or name und port by loading: tocols/socks/main.bro  iption of the First Packet e Identifier of the Connection lress of the Originating host		
request_p ( bound	Descr Time Uniqu IP add	uund address and/or name und port by loading: tocols/socks/main.bro  iption of the First Packet e Identifier of the Connection lress of the Originating host f the Originating Host		
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request_p ( bound s bound_p s This log is - scripts/l  SSL Log  Bro Field ts uid id_orig_h id_orig_p id_resp_h id_resp_p version	Descr Time Uniqu IP add Port o SSL/T	upust port und address and/or name und port by loading: ttocols/socks/main.bro  iption of the First Packet e Identifier of the Connection lress of the Originating host of the Originating Host lress of the Responding host of the Responding Host f the Responding Host		
request_p ( bound	Descr Time Uniqu IP add Port o SSL/T SSL/T	und address and/or name und port by loading: tocols/socks/main.bro  iption of the First Packet e Identifier of the Connection lress of the Originating host f the Originating Host lress of the Responding host f the Responding Host LS version server chose LS cipher suite server chose cal curve the server chose (ECDH/s		
request_p ( bound_p s bound_p s This log is - scripts/l  SSL Log  Bro Field ts uid id_orig_h id_orig_p id_resp_h id_resp_p version cipher curve	Descr Time Uniqu IP add Port o SSL/T SSL/T Ellipti- ECDH	und address and/or name und port by loading: tocols/socks/main.bro  iption of the First Packet e Identifier of the Connection lress of the Originating host f the Originating Host lress of the Responding host f the Responding Host LS version server chose LS cipher suite server chose cal curve the server chose (ECDH/s		
request_p ( bound   5 bound_p   5 This log is  - scripts/l  SSL Log  Bro Field ts uid id_orig_h id_orig_p id_resp_h id_resp_p version cipher	Descr Time Uniqu IP add Port o SSL/T SSL/T Ellipti- ECDH E Name	und address and/or name und port by loading: tocols/socks/main.bro  iption of the First Packet e Identifier of the Connection lress of the Originating host of the Originating Host lress of the Responding host f the Responding Host LS version server chose LS cipher suite server chose cal curve the server chose (ECDH/-E)		
request_p ( bound_p s bound_p s This log is - scripts/l  SSL Log  Bro Field ts uid id_orig_h id_orig_p id_resp_h id_resp_p version cipher curve	Descr Time Uniqu IP add Port o SSL/T SSL/T Ellipti- ECDH Name Sessio	uest port und address and/or name und port by loading: tocols/socks/main.bro  iption of the First Packet e Identifier of the Connection lress of the Originating host of the Responding Host lress of the Responding host f the Responding Host LS version server chose LS cipher suite server chose cal curve the server chose (ECDH/- E) of server client is requesting on was resumed lert that was seen during the		
request_p ( bound	Descr Time Unique IP add Port of SSL/T SSL/T Elliptic ECDH Session Last a conne	und address and/or name und port by loading: tocols/socks/main.bro  iption of the First Packet e Identifier of the Connection lress of the Originating host f the Originating Host lress of the Responding host f the Responding Host LS version server chose LS cipher suite server chose cal curve the server chose cal curve the server chose (ECDH/E) of server client is requesting on was resumed left that was seen during the ction application layer protocol the		
request_p ( bound	Descr Time Uniqu IP add Port o SSL/T SLIpti ECDH Name Sessic Last a conne of Next a server	und address and/or name und port by loading: tocols/socks/main.bro  iption of the First Packet e Identifier of the Connection lress of the Originating host f the Originating Host lress of the Responding host f the Responding Host LS version server chose LS cipher suite server chose cal curve the server chose (ECDH/-E) of server client is requesting on was resumed lert that was seen during the ction application layer protocol the		

SMTP Log	1
Bro Field	Description
ts	Time of the First Packet
uid	Unique Identifier of the Connection
id_orig_h	IP address of the Originating host
id_orig_p	Port of the Originating Host
id_resp_h	IP address of the Responding host
id_resp_p	Port of the Responding Host
trans_depth	Count to represent depth of message
helo	Helo header
mailfrom	Email addresses found in From header
rcptto	Email addresses found in the Rcpt header
date	Date header
from	From header
to	To header
cc	CC header
reply_to	ReplyTo header
msg_id	MsgID header
in_reply_to	In-Reply-To header
subject	Subject header
x_originating_ip	X-Originating-IP header
first_received	First Received header
second_received	Second Received header
last_reply	Last message from server to client
path	Message transmission path
user_agent	User-Agent header from client
tls	Connection switched to TLS
It can also be en  - base/protoco	led by loading: protocols/smtp/main.bro nhanced by loading: lls/smtp/files.bro cols/smtp/software.bro
SYSLOG Log	:

Bro Field	Description
ts	Time of the First Packet
uid	Unique Identifier of the Connection
id_orig_h	IP address of the Originating host
id_orig_p	Port of the Originating Host
id_resp_h	IP address of the Responding host
id_resp_p	Port of the Responding Host
proto	Transport Layer Protocol
facility	Syslog facility for message
severity	Syslog severity for message
message	Plain text message

Bro Field	Description
S	Time of the First Packet
uid	Unique Identifier of the Connection
id_orig_h	IP address of the Originating host
id_orig_p	Port of the Originating Host
id_resp_h	IP address of the Responding host
id_resp_p	Port of the Responding Host
tunnel_type	Type of tunnel used
action	Type of activity that occurred

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e Identifier of the Connection ress of the Originating host f the Originating Host ress of the Responding host
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version used
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sponse/Response PDUs seen
quest PDUs seen
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n description of the responder int
C

- scripts/base/protocols/snmp/main.bro

SSH Log

Bro Field	Description
ts	Time of the First Packet
uid	Unique Identifier of the Connection
id_orig_h	IP address of the Originating host
id_orig_p	Port of the Originating Host
id_resp_h	IP address of the Responding host
id_resp_p	Port of the Responding Host
version	SSH major version 1 or 2
auth_success	Result (T=Success, F=Failure, unset=unknown)
auth_attempts	Number of attempts observed
direction	Connection direction
client	Client version
server	Server version
cipher_alg	Encryption algorithm to use
mac_alg	Signing MAC algorithm to use
compression_alg	Compression algorithm to use
kex_alg	Key exchange algorithm to use
host_key_alg	Server host key's algorithm
host_key	Servers host key fingerprint

- This log is enabled by loading:
   scripts/base/protocols/ssh/main.bro
  It can also be enhanced by loading:
   policy/protocols/ssh/geo-data.bro

### **Contact Us** CONSULTING • DEVELOPMENT • EDUCATION Lean on our years of collective security experience to help you reach your security goals. ☑: inquiries@perched.io

# Quick Reference Guide



#### File Logs

Files Log		Portable Executa	ables (PE) log	x509 log	:
Bro Field	Description	Bro Field	Description	Bro Field	Description
ts	Time of the First Packet	ts	Time of the First Packet	ts	Time of the First Packet
fuid	Unique File ID	id	Unique File ID	id	Unique File ID
tx_hosts	Hosts that sent the file	machine	Target machine file was compiled for	certificate_version	Certificate version number
rx_hosts	Hosts that received the file	compile_ts	File creation time	certificate_serial	Certificate serial number
conn_uids	List of connection UIDs that relate to the file	os	Required operating system	certificate_subject	Certificate subject
source	Source of the file. (network, file path, Etc)	subsystem	Subsystem required to run this file	certificate_issuer	Certificate issuer
depth	Depth of file in relation to source	is_exe	File is executable	certificate_not_valid_befor	e Certificate not valid before date
analyzers	Analyzers used during analysis	is_64bit	File is 64 bit executable	certificate_not_valid_after	Certificate not valid after date
mime_type	Mime Type Strongest or best match	uses_aslr	Supports Address Space Layout Random-	certificate_key_alg	Certificate key algorithm
filename	Filename if available from source		ization	certificate_sig_alg	Certificate signature algorithm
duration	Duration of file analysis	uses_dep	Supports Data Execution Prevention	certificate_key_type	Certificate key type
local_orig	Source of file is in local nets	uses_code_integrit	ty Enforces Code Integrity Checks	certificate_key_length	Certificate key length in bits
is_orig	File is from the originator	uses_seh	Uses Structured Exception Handling	certificate_exponent	Certificate exponent if RSA-certi
seen_bytes	Number of bytes analyzed	has_import_table	Has an import table		ficate
total_bytes	Total number of bytes expected to see	has_export_table	Has an export table	certificate_curve	Certificate Curve if EC-certificate
missing_bytes Total number of bytes missed durring		has_cert_table	Has attribute certificate table	san_dns	DNS entries for Subject Altern-
	collection	has_debug_data	Has a debug table	Company of a	itive Name
A STATE OF THE PARTY OF THE PAR	overlapping or non-reassembled bytes	section_names	Ordered Section Names	san_uri	URI entries for Subject Alternitive Name
timedout Analysis timed out atleast once parent_fuid Container file unique ID		This log is enabled by loading: - scripts/base/files/pe/main_bro		san_email	Email entries for Subject Altern- itive Name
This log is enabled by loading: - scripts/base/frameworks/files/main_bro				san_ip	IP entries for Subject Alternitive Name
	enhanced by loading: /hash/main.bro			basic_constraings_ca	CA flag set
- base/files/hash/main.bro - base/files/x509/main.bro				basic_constraings_path_le	n Maximum path length
	/extract/main.bro neworks/files/entropy-test-all-files.bro			This log is enabled by loa - scripts/base/files/x50	